

**To:** Juett, Lynn[Juett.Lynn@epa.gov]; Stoy, Alyse[Stoy.Alyse@epa.gov]; Field, Jeff[Field.Jeff@epa.gov]; Vann, Bradley[Vann.Bradley@epa.gov]  
**Cc:** Tapp, Joshua[Tapp.Joshua@epa.gov]  
**From:** Washburn, Ben  
**Sent:** Tue 4/7/2015 6:50:19 PM  
**Subject:** RE: Training Citizen Scientists to Monitor Air Quality | Science

Great, thanks Lynn. Once I have the final word from you, I'll send the response.

Benjamin M. Washburn  
Public Affairs Specialist  
EPA Region 7  
(913) 551-7364

-----Original Message-----

From: Juett, Lynn  
Sent: Tuesday, April 07, 2015 1:40 PM  
To: Washburn, Ben; Stoy, Alyse; Field, Jeff; Vann, Bradley  
Cc: Tapp, Joshua  
Subject: FW: Training Citizen Scientists to Monitor Air Quality | Science

Ben - I've reached out to Josh Tapp for help with wording the response. He did a great job I think. Below is the revised version. Before sending this back to Harvey/Mike, I would like to run it by Alyse and Brad/Jeff - and so am copying them on this email requesting their review.

Josh - can you also make sure Becky is aware of this request and our intended response?

Thank you,

Lynn M. Juett  
Office of Regional Administrator  
US EPA Region 7  
11201 Renner Blvd, Lenexa KS 66219  
(913) 551-7883 (d)  
(913) 948-1129 (c)

-----Original Message-----

From: Tapp, Joshua  
Sent: Tuesday, April 07, 2015 9:35 AM  
To: Juett, Lynn  
Cc: Weber, Rebecca; Jay, Michael; Davis, Michael  
Subject: RE: Training Citizen Scientists to Monitor Air Quality | Science

Thanks Lynn, I hadn't seen it. My comments are below- tried to do a mark up but it didn't work so, I just replaced with suggested language. Thanks. Jt

Hi Harvey -

Thank you for your email regarding the citizen science air monitoring program. As you may know, traditionally, air quality in the United States is tracked using a network of national monitors located across the country. These monitors use established technologies that provide accurate, high quality regional data on air quality for use in protecting the nation's air quality standards and conducting enforcement and research activities. This monitoring and resulting data may not lend itself for use by citizens because it is often designed to provide regional data. Citizen science can be of most help when there is interest in

direct personal or specific local air quality information.

The Westlake/Bridgeton area is unique in that there are monitors sited in the area which are specifically designed to evaluate local air quality conditions. MDNR and EPA have contributed significantly (in terms of resources, equipment and staff time) to a network of air monitors that are exclusively designed to evaluate a broad spectrum of local conditions and air pollutants. In most if not all cases, the data collected is of higher quality than what could be collected using citizen science tools and technology.

Consequently, our desire would be to continue to work with the community to ensure that this higher quality network is designed to collect data which addresses your questions and concerns both in terms of pollutants and impacted locations.

We look forward to continuing our partnership and dialogue as we refine monitoring efforts to isolate air quality concerns and address them using the regulatory tools available to us.

Again, thank you for the email. Please feel free to reach out at any time with questions.

-----Original Message-----

From: Juett, Lynn

Sent: Tuesday, April 07, 2015 7:27 AM

To: Tapp, Joshua

Subject: FW: Training Citizen Scientists to Monitor Air Quality | Science

Josh - what are your thoughts on Ben's draft below - I couldn't tell if you had already reviewed on not.

Thank you,

Lynn M. Juett

Office of Regional Administrator

US EPA Region 7

11201 Renner Blvd, Lenexa KS 66219

(913) 551-7883 (d)

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-----Original Message-----

From: Washburn, Ben

Sent: Monday, April 06, 2015 2:52 PM

To: Juett, Lynn

Subject: RE: Training Citizen Scientists to Monitor Air Quality | Science

Lynn,

Are you ok with this email response:

Hi Harvey,

Thank you for your email regarding the citizen scientist air monitoring program. EPA Region 7 has evaluated the program and determined that the West Lake Landfill Superfund site is not an appropriate use for this program at this time.

The use of these air monitors by citizens is still in the research phase. Use of the citizen science air monitors also requires EPA to train the citizen scientists on how to properly use the monitors. EPA has recently selected participants for the next round of training.

The use of these monitors is typically for neighborhoods where there is not a lot of other air monitoring data available by other means. At the West Lake Landfill site, there is an existing MDNR on-site air monitoring system as well as a protocol for MDNR scientists to perform monitoring using hand held devices in neighborhoods to follow up to measurements collected on-site.

Thank you for the email. Please feel free to reach out at any time with questions.

Benjamin M. Washburn  
Public Affairs Specialist  
EPA Region 7  
(913) 551-7364

-----Original Message-----

From: Harvey Ferdman [mailto:HarveyFerdman@aol.com]  
Sent: Monday, March 23, 2015 8:40 AM  
To: Washburn, Ben  
Cc: Dawn Chapman; Karen Nickel  
Subject: Training Citizen Scientists to Monitor Air Quality | Science

Ben,  
Any chance of getting a version of this that would be appropriate for monitoring the air quality around the portion of the landfill that has the SSE? It is my understanding that both West Lake Landfill and the Bridgeton Landfill (home of the large SSE) are part of the same Superfund site.

<http://blog.epa.gov/science/2015/03/training-citizen-scientists-to-monitor-air-quality/>

Thanks in Advance,  
Harvey

Harvey Ferdman  
Policy Advisor to  
Missouri State Representative Bill Otto, District 70 St. Louis, MO 63017  
314-469-0595  
314-761-5100 (cell)